

## Historic Plymouth Area: 2013 Emergency Public Information Calendar



**Read and keep this IMPORTANT Calendar**

An Emergency Plan For Your Protection - For Neighbors of Entergy's Pilgrim Nuclear Power Station

# Table Of Contents

Tear-out card Family Emergency Planning Guide

A Message To Neighbors Of The Pilgrim Nuclear Power Station ....	1
Emergency Classification .....	1
Are You In The Emergency Planning Zone? .....	2
How You Will Be Notified Of An Emergency .....	2
Emergency Alert System (EAS) .....	3
What To Do When Told To Shelter-In-Place.....	3
Plans For Children In School Or Day Care .....	4
List of Host Facilities .....	4
What To Do When Told To Evacuate .....	6
Evacuation Route And Reception Center Map .....	7
Reception Centers .....	8
Emergency Bus Routes.....	11
Plans For Special Groups .....	15
Information About Radiation .....	16
Pilgrim Nuclear Power Station .....	16
Questions and Answers.....	17
Other Important Information .....	18
Accidental Siren Sounding .....	19
More About Pets .....	19
Personal Planning Guide.....	20
Special Needs Card .....	back cover

**Cover Photo: Ladder Company No.2 poses with their horse drawn engine "Torent" under the 1749 Courthouse off Town Square c.1890s.**

Photo courtesy Wesley Ennis

# For Help During A Pilgrim Emergency

Remember, in a public emergency, do not use your telephone except to request help if you need it. For information, listen to your local Emergency Alert System radio station. It is important to leave telephone lines open to allow emergency workers to assist people who need immediate help.

For help **during** Pilgrim emergency:

Plymouth	911
TTY	911
Kingston	(781) 585-7649
TTY	911
Duxbury	(781) 934-7120
TTY	911
Carver	(508) 866-5329
TTY	911
Marshfield	(781) 837-7119
TTY	911

Massachusetts Emergency Management Agency  
Region II Emergency Operations Center (508) 427-0400

## Massachusetts Public Information 211

For emergency planning information **in advance**, contact:

<b>Plymouth</b>	<b>(508) 833-5801</b>
<b>TTY</b>	<b>(508) 833-5846</b>
<b>Kingston</b>	<b>(781) 585-3135</b>
<b>TTY</b>	<b>(781) 585-1337</b>
<b>Duxbury</b>	<b>(781) 934-7159</b>
<b>TTY</b>	<b>(781) 934-2387</b>
<b>Carver</b>	<b>(508) 866-5219</b>
<b>TTY</b>	<b>(508) 866-4079</b>
<b>Marshfield</b>	<b>(781) 837-7100</b>
<b>TTY</b>	<b>(781) 837-0666</b>

## FAMILY EMERGENCY PLANNING GUIDE FOR PILGRIM NUCLEAR POWER STATION

Keep a copy of your family emergency plan information in your car, briefcase or purse. Photocopy as needed for additional family members.

*Fill in the blanks now and discuss this information with your family. Decide who would pick up your children and where to meet if you were apart in an emergency. Be sure your children know what to do if they are alone and the sirens sound. Talk to your neighbors so you can help each other.*

Subarea where I live (see page 7): \_\_\_\_\_

My Emergency Alert system (EAS) Radio Stations (see page 3): \_\_\_\_\_

My Reception Center is located at (see page 8): \_\_\_\_\_

My children's host facility is located at (see page 4): \_\_\_\_\_

Closest Emergency Bus Route is (see page 11): \_\_\_\_\_

My family's check-in phone number is: \_\_\_\_\_

My family's meeting place is: \_\_\_\_\_

My local Emergency Management Office emergency number is (see inside front cover): \_\_\_\_\_

My Potassium Iodide (KI) location: \_\_\_\_\_

Prescription List Location: \_\_\_\_\_

Important Papers: \_\_\_\_\_

Pet Emergency Kit is at (see page 19): \_\_\_\_\_

Pet friendly hotels/facilities: \_\_\_\_\_

NOTES : \_\_\_\_\_

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Prescription List Location: \_\_\_\_\_

Important Papers: \_\_\_\_\_

Pet Emergency Kit is at (see page 19): \_\_\_\_\_

Pet friendly hotels/facilities: \_\_\_\_\_

NOTES : \_\_\_\_\_

TEAR ALONG THE LINE

# HOW YOU WILL KNOW THERE'S AN EMERGENCY

- The loud, steady tone of the outdoor emergency sirens, lasting 3 to 5 minutes
- A voice message over beach loudspeakers
- Broadcasts from loudspeakers on police and other official vehicles
- Announcements from town harbormasters or an Urgent Marine Information Broadcast from the Coast Guard
- Tone-alert Emergency Alert System radios
- A message on Teletypewriters (TTYs) if you have registered with a town Emergency Management Office to be notified over TTY in case of an emergency
- Word of mouth

If you hear any of these signals, turn to one of the Emergency Alert System radio stations immediately.

Tune to your local Emergency Alert System (EAS) radio station for emergency instructions. Instructions may be relayed day or night and will include recommendations on what to do for your protection. Follow instructions carefully. Information will be provided regularly.

	Local EAS Stations
Boston	1030 AM
Boston	98.5 FM
Marshfield	95.9 FM
Plymouth	99.1 FM
Plymouth	1390 AM

## For help during a Pilgrim emergency:

Plymouth	911	TTY	911
Kingston	781-585-7649	TTY	911
Duxbury	781-934-7120	TTY	911
Carver	508-866-5329	TTY	911
Marshfield	781-837-7119	TTY	911

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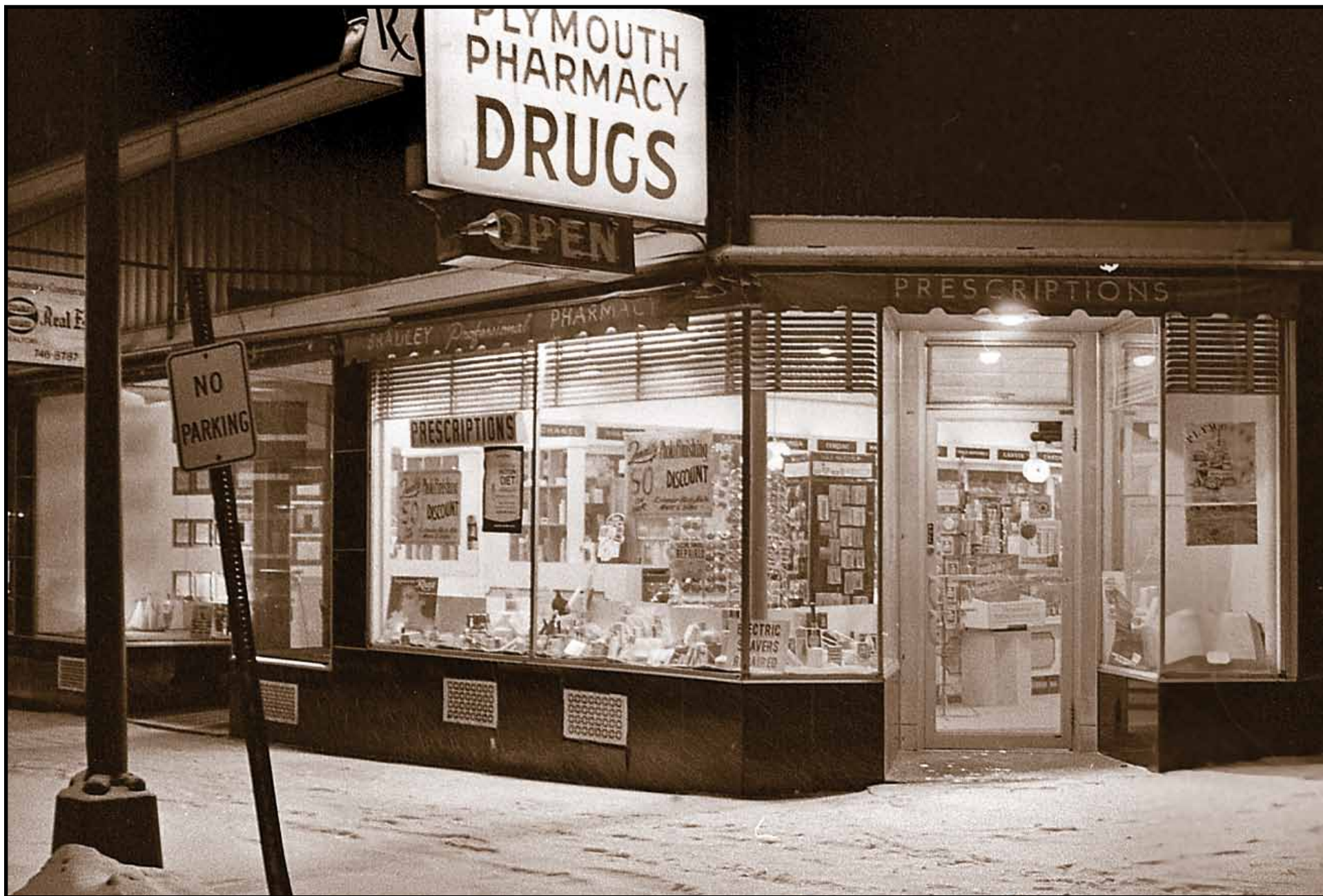
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# **2013 Calendar**





**Plymouth Pharmacy is lighted and open during an evening snowfall in the winter of 1975. The business was located on the corner of Court Street and South Russell.**

Photo by Wesley Ennis

# JANUARY 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

DECEMBER 2012						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

FEBRUARY						
S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

New Year's Day

2

3

4

5

● Last Quarter

6

7

8

9

10

11

● New Moon

12

13

14

15

16

17

18

● First Quarter

19

20

21

Martin Luther King's Jr.  
Birthday

22

Did you fill out and  
return your special  
needs card?

23

24

25

26

27

○ Full Moon  
Wolf Moon

28

29

30

31

*Have you reviewed this year's emergency  
planning information calendar?  
(pages 1-19)*





**Rail engine for use on cranberry bogs.**  
Photo courtesy of Carver Public Library



# FEBRUARY 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

MARCH

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 <sup>24/31</sup>	25	26	27	28	29	30

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

2

Ground Hog Day

3

4

5

6

7

8

9

☾ Last Quarter

10

11

12

13

14

15

16

● New Moon

Ash Wednesday

Valentine's Day

17

18

19

20

21

22

23

☾ First Quarter

President's Day

24

25

26

27

28

○ Full Moon  
Snow Moon

*Do you have a family check-in plan in case of emergency? (tear out card)*



**Gambini's was a popular restaurant in downtown Plymouth through the 1970s for breakfast and lunch serving many patrons doing business in the nearby Plymouth County Courthouse.**

Photo by Wesley Ennis

# MARCH 2013

Emergency Alert System  
(EAS) Radio Stations  
1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

FEBRUARY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

APRIL						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

*Does your family have a meeting place in case of an emergency? (tear out card)*

1

2

3

4

☾ Last Quarter

5

6

7

8

9

10

Daylight Saving  
Time Starts

11

● New Moon

12

13

14

15

16

17

Evacuation Day  
(Suffolk County)  
St. Patrick's Day

18

19

☾ First Quarter

20

First day of Spring

21

22

23

24/31

24<sup>th</sup> - Palm Sunday  
31<sup>st</sup> - Easter

25

26

Passover Starts

27

○ Full Moon  
Worm Moon

28

29

Good Friday

30





Trails of car head and tail lights dominate a 1978 image of Arthur's Restaurant (with awning) on the corner of Court Street and Forest Avenue in North Plymouth in this twilight time exposure.

Photo by Wesley Ennis



# APRIL 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

MARCH						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

MAY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

2

3

☾ Last Quarter

4

5

6

7

8

9

10

● New Moon

11

12

13

14

15

Patriots Day  
(Mass only)

16

17

18

☾ First Quarter

19

20

21

22

Earth Day

23

24

25

○ Full Moon  
Pink Moon

26

Arbor Day

27

28

29

30

*My important papers are located at \_\_\_\_\_.? (tear out card)*



**Ariel View of Marshfield Airport and drive in theater (now closed).**  
Photo courtesy of Marshfield

# MAY 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

*Do I need to prepare an emergency pet kit?  
(page 19)*

1

2

3

4

☾ Last Quarter

5

6

7

8

9

10

11

● New Moon

12

13

14

15

16

17

18

Mother's Day

Armed Forces Day

☾ First Quarter

19

20

21

22

23

24

25

○ Full Moon  
Flower Moon

26

27

28

29

30

31

☾ Last Quarter

Memorial Day





**The empty marquee of the Kingston Drive-In Theatre registered the sign of the times in the late 1970s as outdoor movie watching waned. Located on Summer Street, where the shopping center stands now, the grounds were used for flea markets and drive-in church services.**

Photo by Wesley Ennis



# JUNE 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

MAY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JULY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

*What are the Emergency Alert System radio stations?  
(page 3)*

						1
2	3	4	5	6	7	8 ● New Moon
9	10	11	12	13	14 Flag Day	15
16 Father's Day ○ First Quarter	17 Bunker Hill Day (Suffolk County)	18	19	20	21 First day of Summer	22
○ 23 <sup>rd</sup> - Full Moon Strawberry Moon ● 30 <sup>th</sup> - Last Quarter	23/30	24	25	26	27	28



The Town of Plymouth's wooden guard shack greeted cars at the entrance to Plymouth's Long Beach in this 1970s photo. A then popular Volkswagen Beetle, also known as a VW Bug, rolls onto the parking lot in the early morning hours.

Photo by Wesley Ennis

# JULY 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

JUNE						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 <sub>30</sub>	24	25	26	27	28	29

AUGUST						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

2

3

4  
  
Independence Day

5

6

7

8  
  
● New Moon

9

10

11

12

13

14

15

16  
  
● First Quarter

17

18

19

20

21

22  
  
○ Full Moon  
Buck Moon

23

24

25

26

27

28  
  
● Last Quarter

29

30

31  
  
*Where is my Reception Center?  
(page 8)*





**Duxbury Fire Department 1964.**  
Photo courtesy of Duxbury Firefighters Local 2167



# AUGUST 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

JULY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

What Sub-Area do you live or work in?  
(page 7)

1	2	3				
4	5	6 ● New Moon	7	8	9	10
11	12	13	14 ☾ First Quarter	15	16	17
18	19	20	21 ○ Full Moon Sturgeon Moon	22	23	24
25	26	27	28 ● Last Quarter	29	30	31



The Danforth's Bakery delivery truck drives through Shirley Square toward North Street. The company had a downtown location on Main Street and in North Plymouth on Court Street c.1976.

Photo by Wesley Ennis

# SEPTEMBER 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

AUGUST						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

OCTOBER						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

2

3

4

5

6

7

Labor Day

Rosh Hashanah  
● New Moon

8

9

10

11

12

13

14

Grandparents' Day

☾ First Quarter

Yom Kippur

15

16

17

18

19

20

21

○ Full Moon  
Harvest Moon

22

23

24

25

26

27

28

First day of Fall

☾ Last Quarter

29

30

*Did you know that September is  
National Preparedness Month?  
Check out their website: [www.ready.gov/](http://www.ready.gov/)*

  
**Ready**  
Prepare. Plan. Stay Informed.





**1953 Ford forestry truck.**

Photo courtesy of Duxbury Firefighters Local 2167

# OCTOBER 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

SEPTEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

NOVEMBER						
S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
What is my best evacuation route? (pages 8-10)		1	2	3	4	5  ● New Moon
	6	7	8	9	10	11  ● First Quarter
13	14  Columbus Day (Observed)	15	16	17	18  ○ Full Moon Hunter's Moon	19
20	21	22	23	24	25	26  ● Last Quarter
27	28	29	30	31  Halloween		



**Jim's Lunch occupied the ground floor level of what is now 7 Main Street, just north of Leyden on the east side of the street. It was very popular during World War II serving many service men in the area.**

Courtesy Wesley Ennis



# NOVEMBER 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

OCTOBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

*What should you do when the sirens sound?  
(page 2)*

3

Daylight Saving  
Time Ends

● New Moon

4

5

Election Day

6

7

8

9

10

● First Quarter

11

Veterans' Day

12

13

14

15

16

17

○ Full Moon  
Beaver Moon

18

19

20

21

22

23

24

25

● Last Quarter

26

27

28

Hanukkah  
Thanksgiving Day

29

30



**This view of Market Street is from Summer Street looking north toward Town Square in the 1930s. The People's Market stands where the Gov. John Carver Inn parking lot is today.**

Courtesy Wesley Ennis

# DECEMBER 2013

Emergency Alert System  
(EAS) Radio Stations

1030 AM  
98.5 FM  
95.9 FM  
99.1 FM  
1390 AM

NOVEMBER

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JANUARY 2014

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

2

3

● New Moon

4

5

6

7

8

9

☾ First Quarter

10

11

12

13

14

15

16

17

○ Full Moon  
Cold Moon

18

19

20

21

First day of Winter

22

23

24

Christmas Eve

25

Christmas Day  
☾ Last Quarter

26

27

28

29

30

31

New Year's Eve

*Look forward to receiving your  
2014 Emergency Public Information Calendar  
soon in the mail!*



# **2013 Emergency Public Information**

# A Message to Neighbors of the Pilgrim Nuclear Power Station

The Commonwealth of Massachusetts has a policy on emergency planning:

First, each and every human life is of equal and inestimable value;

Second, during an emergency, the Commonwealth of Massachusetts will make every effort and exhaust every resource, public and private, to save lives, reduce injury and suffering, and protect people from exposure to harm;

Third, during an emergency, protective action judgments will be made on the basis of human need. There is no such thing as an acceptable level of death, injury or suffering.

## Emergency Information

This important information is provided to you as a public service by the Massachusetts Emergency Management Agency, the Massachusetts Department of Public Health and the Pilgrim Nuclear Power Station.

It tells you what to do in the unlikely event of an emergency at the Pilgrim Nuclear Power Station. Some of this information would also be useful in other emergencies requiring public notification and possible public response, such as train derailments, chemical spills, floods, hurricanes and tornadoes.

**You should read the information in this calendar carefully, well in advance of any potential emergency. Discuss it with your family, fill in your family's information on the tear-out cards in the front and back of the calendar, and keep this calendar in a safe place for future reference.**

**CDs containing the information in this calendar are available in local libraries for use by those with vision impairment.**

As you read the public health and safety information in this calendar, record important information on the tear-out family emergency plan cards (front of calendar) and wallet cards (back of calendar) that will help keep you and your family safe in an emergency.

## Emergency Classification

If an emergency is declared at the Pilgrim Nuclear Power Station, it would be categorized into one of four emergency levels.

**Unusual Event:** This means a minor problem has occurred at the plant. It may involve situations such as hazardous weather or a minor equipment problem. Public officials would be notified, but there would be no need to sound the warning signals. People in the area would not need to take any special actions.

**Alert:** This could affect plant safety but it is not expected to require any special actions by residents. Public officials would be notified. They would watch the situation and be ready to act if it got worse. As a precaution, public officials may mobilize transportation resources. They may transfer school children to host facilities outside the area and clear state forests and waterways. Emergency Alert System radio or news broadcasts would inform the public of these actions.

**Site Area Emergency:** This means a more serious problem affecting the plant and plant boundaries has occurred. Any release of radioactive materials would be below federal limits. State and local officials would keep persons in the area fully informed about any necessary actions through Emergency Alert System radio stations. As a precaution, state officials would move school children to host facilities outside the area if this had not already been done. Other precautions would be called for by state officials, as needed.

**General Emergency:** This is the most serious type of emergency. It could involve serious damage at the plant and a release of radioactive materials. State officials might direct persons in some areas to shelter-in-place or to evacuate to a safer location. Special instructions and other important information would be issued over the Emergency Alert System radio stations.

# Are You In The Emergency Planning Zone?

The area approximately 10 miles around the Pilgrim Nuclear Power Station is called the Emergency Planning Zone. Plans have been developed for warning and protecting people within the 10-mile area (refer to the map on page 7). Communities in the Emergency Planning Zone are: Plymouth, Kingston, Duxbury and portions of Carver and Marshfield. The Emergency Planning Zone is divided into sub-areas. Official emergency instructions will be given for specific sub-areas. It is important to know your sub-area and follow instructions for that specific area. The sub-areas are as follows:

**Sub-area 1** - That portion of Plymouth within approximately 2 miles of the Pilgrim Station from Clifford Road east to White Horse Beach, and from Manomet Bluffs north to the Station

**Sub-area 2** - That portion of Plymouth from Long Pond and Jordan Roads east to the coast, and from Ship Pond Road north to Howland Pond and Manomet Bluffs

**Sub-area 3** - That portion of Plymouth from the eastern shores of Billington Sea, Great South Pond and Gunners Exchange Pond east to Plymouth Beach, and from the intersection of Alden and Long Pond Roads, and Jordan Road north to Samoset Street

**Sub-area 4** - Duxbury Beach, Gurnet Point, Saquish Neck and Clark's Island

**Sub-area 5** - That portion of Plymouth south of Upper College Pond Road, Alden Road, Long Pond Road, and Ship Pond Road

**Sub-area 6** - That portion of Plymouth from the Plymouth-Carver town line east to the eastern shores of Billington Sea. Great South Pond, and Gunners Exchange Pond, and from Upper College and Alden Roads north to Samoset Street and Carver Road

**Sub-area 7** - That portion of Plymouth south of the Kingston - Plymouth Town line to Carver Road – Samoset Street

**Sub-area 8** - The entire Town of Kingston

**Sub-area 9** - The entire Town of Duxbury

**Sub-area 10** - That portion of Marshfield south of Route 139/ Careswell Street - Dyke Road

**Sub-area 11** - That portion of Carver east of Route 58

**Sub-area 12** - That portion of Cape Cod Bay within 10 miles of the station

## How You Will Be Notified Of An Emergency

If there is an emergency requiring public notification, you will be alerted by one or more of the following warning signals:

- The loud, steady tone of the outdoor emergency sirens, lasting 3 to 5 minutes
- A voice message over beach loudspeakers
- Broadcasts from loudspeakers on police and other official vehicles
- Announcements from town harbormasters or an Urgent Marine Information Broadcast from the U.S. Coast Guard
- Tone-alert Emergency Alert System radios
- A message on Teletypewriters (TTYs) if you have registered with a town Emergency Management Office to be notified over TTY in case of an emergency
- Word of mouth

**If you hear any of these signals, turn to one of the Emergency Alert System radio stations immediately.**

**Check with your neighbors, especially the elderly or persons who have difficulty hearing or seeing, to make sure they have received the warning and know what to do.**



# Emergency Alert System (EAS)

If you are alerted by the warning signal, you should tune to your local Emergency Alert System (EAS) station for emergency instructions. EAS is the direct link between you and the people responsible for your safety. Instructions may be given to you at any hour, day or night, and will include recommendations as to what you should do for your protection. Follow instructions carefully. Do not worry if you miss the beginning of an emergency broadcast. Information will be provided regularly.

## Local EAS Stations

<b>Boston</b>	<b>1030 AM</b>
<b>Boston</b>	<b>98.5 FM</b>
<b>Marshfield</b>	<b>95.9 FM</b>
<b>Plymouth</b>	<b>99.1 FM</b>
<b>Plymouth</b>	<b>1390 AM</b>

In case of an emergency, always stay tuned to an Emergency Alert System station for your area.

# What To Do When Told To Shelter-In-Place

You may be in a sub-area instructed to shelter-in-place. This means you should immediately go inside the nearest available building. If you are already inside, stay there. Sheltering-in-place may provide the best protection. If a shelter-in-place message is given for your sub-area over the Emergency Alert System radio station, you should do the following:

- **Go indoors** and close all doors and windows.
- **Turn off** all window fans, clothes dryers, kitchen and bath exhaust fans, air conditioners, and other sources of outside air.
- **Continue to listen** to your EAS station for official messages and instructions.
- **Keep pets indoors.**
- **If you have livestock**, shelter them too. Give them stored feed and water from a covered source.

Below ground basements provide the best shelter. Avoid areas near windows; above ground, interior rooms on lower floors provide the best protection.

Stay inside until officials say otherwise. If you must go outside, cover your nose and mouth with a folded, damp cloth. Persons with respiratory disorders should not go out at all, until told to do so by government officials.

If you are traveling in a motor vehicle in the affected area, close the windows and air vents. Keep the radio tuned to an EAS station. If you are a local resident, go home immediately and stay inside. If you are a visitor, leave the area immediately, or go inside a nearby building or a public shelter.

Public shelters near visitors' areas will be marked by large red "Emergency Shelter" signs.

If sheltering-in-place is recommended during school hours, children will be sheltered right in the school building and cared for by school personnel.

DO NOT use your telephone unless you need special assistance.

# Plans For Children In School Or Day Care

## Schools

All schools within the sub-areas shown on page 7 have emergency plans. Early in an emergency, school children will be moved to “host” facilities outside the area. **Do not try to pick up children at their school or phone the school. The phone lines would be needed for emergency use.** Instead, meet them at their host facilities.

Children who live inside the emergency planning zone but who go to a school outside the area will be held at their school until their parents pick them up.

If an emergency existed before the start of the school day, school would be canceled, as it is when there is danger of a winter storm.

## Day Care Centers

All day care centers within the emergency planning zone have emergency plans. Early in an emergency, day care centers will be closed. Parents will be notified of this by telephone, if possible, and asked to pick up their children. Any children not picked up will be taken to a host facility outside the emergency planning zone. Designated host facilities are listed beginning in the next column through page 5.

In a sudden, serious emergency, children may be taken directly to a reception center for monitoring and, if necessary, decontamination. Then they would be taken to their assigned host facility where you should pick them up.

**Parents should listen to their local Emergency Alert System radio station to confirm this information at the time of an emergency.**

# List of Host Facilities

**If your children attend:**

**Pick them up at:**

CARVER	HOST FACILITIES
Captain Pal Preschool Cranberry Crossing Day Care Kidstop Day Care Little Crusaders	<ul style="list-style-type: none"><li>Bridgewater Intermediate (Williams) School 200 South Street Bridgewater, MA</li></ul>
Carver High School Carver Middle School	<ul style="list-style-type: none"><li>Bridgewater/Raynham Regional High School 415 Center Street Bridgewater, MA</li></ul>
Erwin K. Washburn Primary School Governor John Carver Elementary Old Colony Y	<ul style="list-style-type: none"><li>Bridgewater Intermediate (Williams) School 200 South Street Bridgewater, MA</li></ul>
DUXBURY	HOST FACILITIES
Alden Elementary School* Bay Farm Montessori Academy Berrybrook Preschool Blue River Montessori Chandler Elementary School* Duxbury High School Duxbury Middle School* Duxbury Bay Maritime School Elements Montessori Good Shepard Christian Academy Learn In Play Preschool Pied Piper Preschool Pilgrim Area Collaboratives Pilgrim Day Child Care* Magic Dragon Children's Center at Chandler Elementary School	<ul style="list-style-type: none"><li>Braintree High School 128 Town Street Braintree, MA</li></ul>

\* and all associated before and after school programs and clubs

## List of Host Facilities (cont.)

**If your children attend:      Pick them up at:**

<b>KINGSTON</b>	<b>HOST FACILITIES</b>
Kingston Elementary School Kingston Intermediate School	• Bridgewater Middle School 166 Mt. Prospect Street Bridgewater, MA
Sacred Heart Early Childhood Center Sacred Heart Elementary School Sacred Heart High School Silver Lake Regional Middle School Silver Lake Regional High School	• Bridgewater/Raynham Regional High School 415 Center Street Bridgewater, MA
Crayon College, Inc. Growth Unlimited PreSchool Little People's Country Day Care South Shore Early Education: Kingston Wooded Acres Child Care	• Bridgewater Middle School 166 Mt. Prospect Street Bridgewater, MA
<b>MARSHFIELD</b>	<b>HOST FACILITIES</b>
Governor Edward Winslow School	• Furnace Brook School Furnace Street, Marshfield, MA
<b>PLYMOUTH</b>	<b>HOST FACILITIES</b>
Plymouth Community Intermediate School*	• Taunton High School 50 Williams Street Taunton, MA
Plymouth South High School*	
Plymouth South Middle School*	
Indian Brook Elementary School*	• Our Lady of Lourdes Elem. School 52 First Street, Taunton, MA
Federal Furnace Elementary School*	• James L. Mulcahey School 28 Clifford Street Taunton, MA
Hop, Skip & Jump Learning Safari Small Scholars Preschool Krafty Kids Preschool & Daycare The Magical Years Early Learning School	• Bridgewater Intermediate (Williams) School 200 South Street Bridgewater, MA

**If your children attend:**

**Pick them up at:**

<b>PLYMOUTH</b>	<b>HOST FACILITIES</b>
Manomet Elementary School*	• Bennett School 47 N. Walker Street Taunton, MA
Plymouth North High School* Pilgrim Academy* Rising Tide Public Charter School*	• Bristol-Plymouth Regional Technical School 940 County Street Taunton, MA
Mt. Pleasant Elementary School* West Elementary School*	• Friedman Middle School 500 Norton Avenue Taunton, MA
Nathaniel Morton School* South Elementary School*	• Martin Middle School 131 Caswell Street Taunton, MA
Cold Spring Elementary School*	• Coyle and Cassidy High School Hamilton and Adams Streets Taunton, MA
Hedge Elementary School*	• Elizabeth Pole School 215 Harris Street Taunton, MA
Cranberry Country Day School Crayon College, Inc. Garden of Knowledge Kinder Kollege Nursery School Leaping Frogs Preschool Methodist Nursery School Miss Joanne's Bright Beginnings New Testament Christian School Room 2 Grow Tiny Town Children's Center Woodside School	• Hopewell School 16 Monroe Street Taunton, MA
Bright Ideas Childcare Ponds Child Care Center South Shore Early Education	• Leddy School 36 Second Street Taunton, MA
KinderCare-Pilgrim Hill Road KinderCare-Richards Road	• KinderCare 1357 Somerset Ave. Taunton, MA

\* and all associated before and after school programs and clubs

# What To Do When Told To Evacuate

If an evacuation is necessary, public safety officials will tell you over the Emergency Alert System radio station what to do. DO NOT evacuate unless directed to do so by public safety officials.

Take the following actions ONLY if persons in your sub-area are told to evacuate. The maps on pages 11 through 14 will help you find out which sub-area is yours.

- Take your pets with you.
- Gather all persons in the house together.
- DO NOT try to pick up children at their schools. They will be taken to designated host facilities outside the area where you may pick them up later (see pages 4 and 5).
- Household members outside the area may be advised not to return during an evacuation. They will be directed to the reception center where they can join you.
- DO NOT call your local fire or police departments for information. Emergency workers will need their phone lines for emergency use. If you need special help, call your local Emergency Management Office at the number listed on the inside cover.
- The Commissioner of Public Health may recommend that evacuating individuals, who have elected to do so, ingest potassium iodide.

**Stay tuned to your Emergency Alert System Radio Station.**

## What to Do as You Leave

- Turn off lights and unnecessary appliances.
- Close and lock windows and doors.
- Check with neighbors to see if they need assistance. Offer to share transportation, if you can.
- If you need a ride, try to get one with neighbors.
- If you cannot get a ride, find out what sub-area you are in using the maps on pages 11 through 14. Buses will pick you up along bus routes and at pick-up points shown on those maps. If you cannot get to the bus routes or pick-up points, contact your local Emergency Management Office at the number listed on the inside cover. Emergency workers will arrange transportation for you.

- If you have livestock, shelter them. Leave them a three-day supply of stored feed and water that has been protected from possible contamination.

## How to Travel

- While traveling in the car, keep all windows and vents closed until you have left the EPZ.
- Keep the car radio tuned to an Emergency Alert System station.
- Drive out of the area along one of the routes shown on the maps on pages 7-10.

## Here are Some Things You May Want to Take With You

Just take essential items you would need. You could be away from home for a few hours to a few days. These are suggestions that apply to any type of emergency evacuation:

- This calendar
- Clothing for several days
- Toilet articles (soap, toothbrush, toothpaste, shampoo, etc.)
- Prescription medicines, medical equipment and important medical records
- Special dietary foods
- Baby supplies
- Identification (driver's license) and important papers
- Checkbook, credit card, and cash
- Blankets, pillows, and towels (if you plan to stay at a public mass care shelter)

## About Your Pets

Plan how to take your pets with you. See page 19 for more information about how to evacuate your pets safely. Develop a Buddy System with neighbors, friends and relatives to make sure someone is available to care for or evacuate your pets if you are unable to do so.

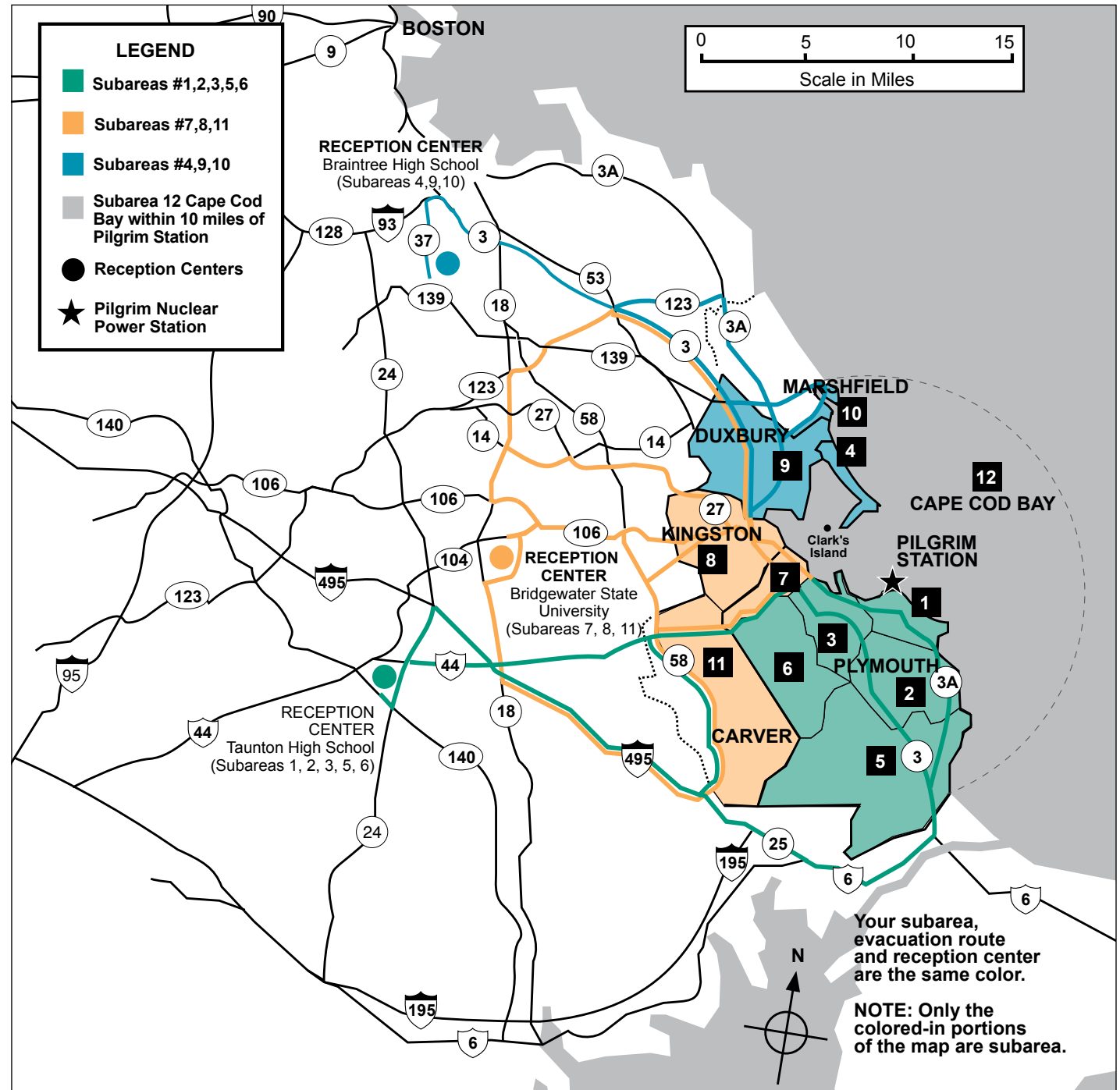
Only service animals will be allowed inside the reception centers and mass care shelters.

**DO NOT LEAVE YOUR PETS BEHIND. ARRANGE FOR THEIR EVACUATION IN ADVANCE.**



# Evacuation Route And Reception Center Map

To evacuate, follow the routes shown on the map for your sub-area. The use of these suggested main roads will expedite the movement of evacuating traffic away from Pilgrim Station. They are the quickest, safest, main routes to use in an emergency. All locations outside the colored-in sub-areas shown on the map are far enough away from Pilgrim Station that evacuation is not needed. You should evacuate **ONLY** if you are in a sub-area whose residents and visitors have been told to evacuate by announcements on your Emergency Alert System radio stations.



# Reception Centers

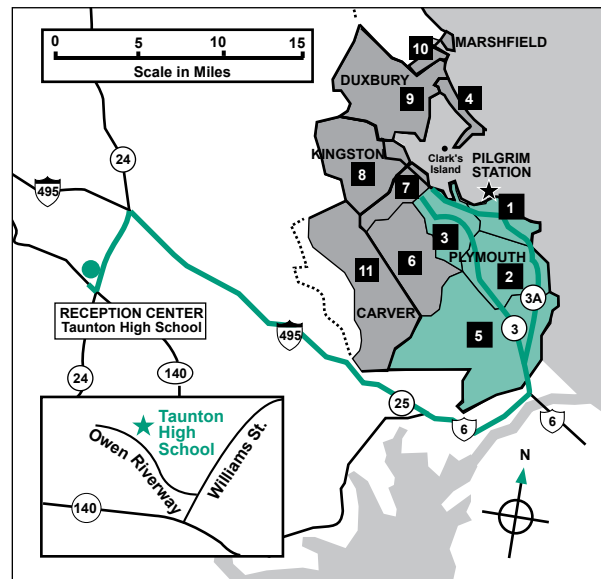
Reception centers are available to assist evacuees. The reception center for your sub-area is outside the 10-mile Emergency Planning Zone.

At the center, you will be registered and monitored for contamination. Emergency workers will decontaminate and care for anyone needing this type of assistance. You will be able to receive information about the location of other members of your family who have already registered at the reception center. If you need a place to stay, you will be directed to a mass care shelter that provides meals and lodging. The reception center and mass care shelters are handicap accessible. If you have additional needs, officials will assist you.

If you can, you may want to stay with friends or relatives until the emergency is over.

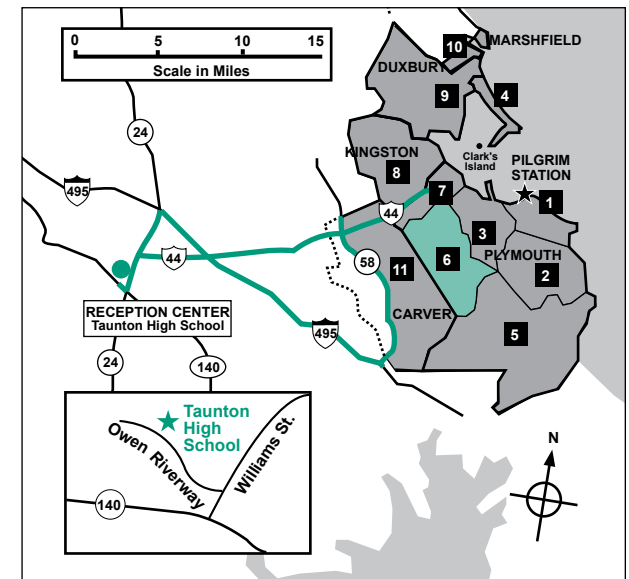
## Directions To Reception Centers

To Taunton High School Reception Center From Sub-areas 1,2,3,5,6 (or if you have school children in Plymouth)



### Sub-areas #1, 2, 3 or 5 – all in Plymouth:

Take Route 3 or 3A south to Route 6 (Cranberry Highway) west, to Route 25 west/495 North. Follow Route 25 west/495 north to Route 24 south. Follow Route 24 south to Route 140 north. Go north on Route 140 to Williams Street. Turn right on Williams Street. Follow Williams Street to the Owen Riverway. Turn left and follow the Owen Riverway to the **Taunton High School Reception Center**.

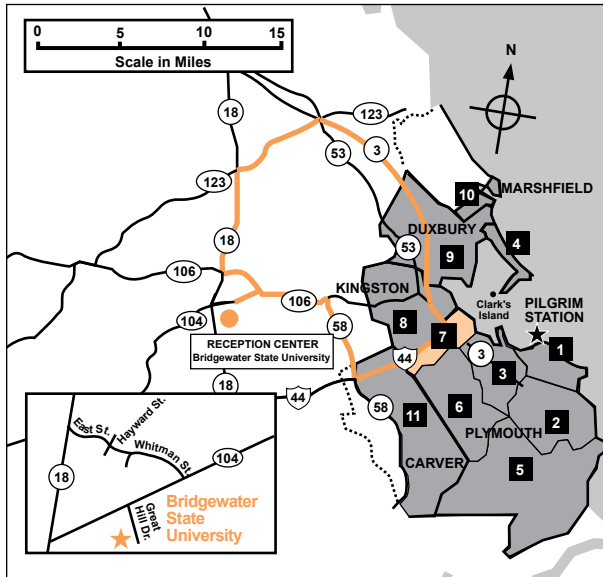


### Sub-area #6 – Plymouth:

Take Rte. 3 north to Exit 7 onto Route 44 west to Route 24 South to Route 140 north. Follow Route 140 north to Williams Street. Turn right onto Williams Street and follow to Owen Riverway. Turn left and follow Owen Riverway to the **Taunton High School Reception Center**.

Or, take Route 44 west to Route 58 South to Route 495 north. Follow Route 495 north to Route 24 south. Follow Route 24 south to Route 140 north. Go north on Route 140 to Williams Street. Turn right on Williams Street. Follow Williams Street to the Owen Riverway. Turn left and follow the Owen Riverway to the **Taunton High School Reception Center**.

## To Bridgewater State University Reception Center From Sub-areas 7,8,11

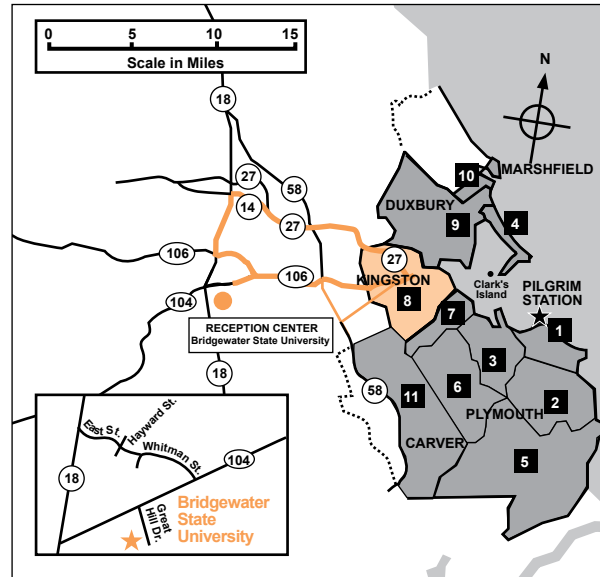


### Sub-area #7 – Plymouth:

NOTE: If you are in Sub-area 7 and have children at school in Plymouth, follow directions for Sub-area 6 to the Taunton High School Reception Center. If you do not have children at school in Plymouth, use the following directions.

Take Route 44 west to Route 58 north to Route 106 west. Turn left and follow Route 106 west to Route 104 west. Turn left and follow Route 104 west to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

Or, take Route 3 north to Route 53 north. Follow Route 53 north to Route 123 west to Route 18 South. Follow Route 18 south to East Street in East Bridgewater. Turn left on East Street to Hayward Street to Whitman Street. Turn left on Whitman Street to Route 104 west. Turn right on Route 104 to Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

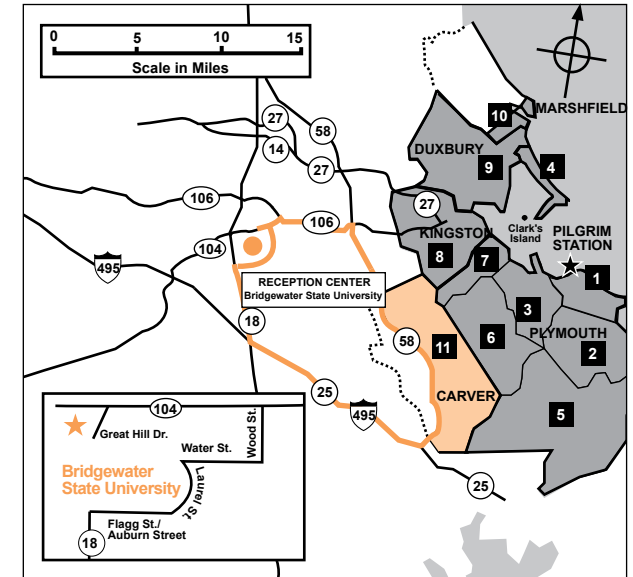


### Sub-area #8 – Kingston:

Take Route 106 west to Route 104 west. Turn left and follow Route 104 west to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

Or, take Brook Street to Elm Street West to Brook Street in Plympton. Follow Brook Street, bear right onto Colchester Road which becomes Mayflower Road. Follow Mayflower Road to Route 58 north to Route 106 west. Follow Route 106 west to Route 104 west to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

Or, take Route 27 north to Route 14 west to Route 18 south. Follow Route 18 south to East Street in East Bridgewater. Turn left on East Street to Hayward Street to Whitman Street. Turn left on Whitman Street to Route 104 west. Turn right on Route 104 to Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

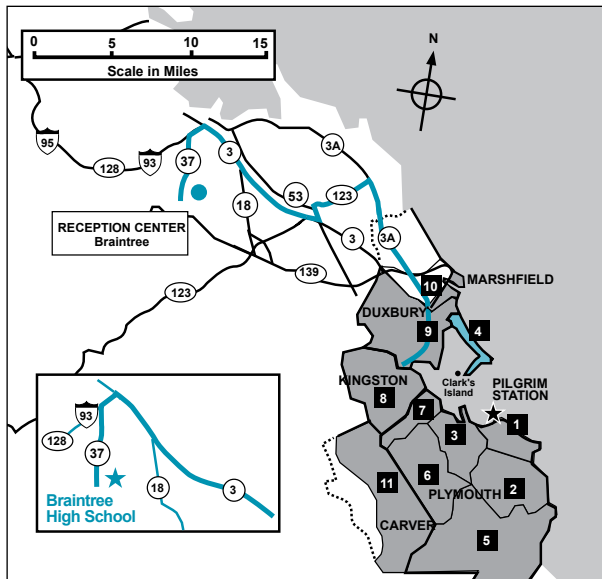


### Sub-area #11 – Carver:

Take Route 58 north to Route 106 west to Route 104 west. Follow Route 104 west to Great Hill Drive. Turn left on Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

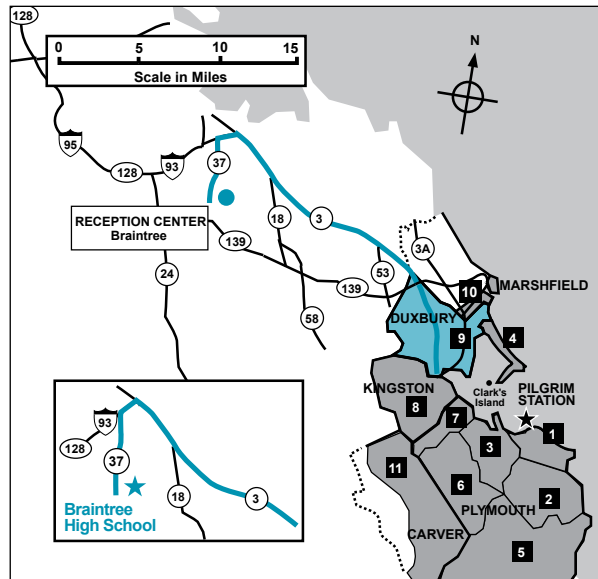
Or, take Route 58 south to Route 495 north to Exit 5 to Route 18 north. Continue on Route 18 north to Flagg Street. Turn right on Flagg Street and proceed across Summer Street where Flagg Street becomes Auburn Street. Proceed on Auburn Street to Laurel Street. Turn left on Laurel Street to Water Street. Turn right on Water Street to Wood Street. Turn left on Wood Street to Route 104 west. Turn left on Great Hill Drive and follow signs to the **Bridgewater State University Reception Center**.

## To The Braintree Reception Center At The Braintree High School From Sub-areas 4,9,10



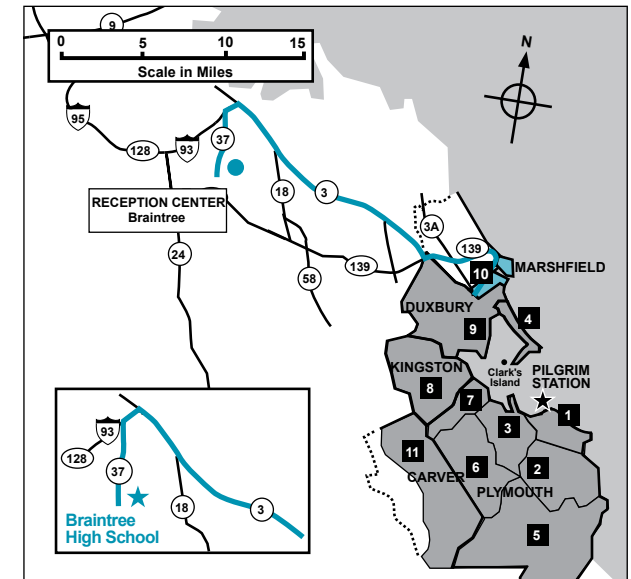
### Sub-area #4 – Duxbury Beach, Saquish Neck, Gurnet Point, Clark's Island:

Take Route 3A north to Route 123 west to Route 53 south. Turn left on Route 53 south to Route 3 north. Turn right onto Route 3 north to Exit 20, Route I-93 south (128 north). Take I-93 south to Exit 6 (Route 37 Braintree), turn right on Route 37 past south Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street. Turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.



### Sub-area #9 – Duxbury:

Take Route 3 north to Exit 20, Route I-93 south (128 north). Take I-93 south to Exit 6 (Route 37 Braintree), turn right on Route 37 past South Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street, turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.



### Sub-area #10 – Marshfield:

Take Route 139 west to Route 3 north. Take Route 3 north to Exit 20, Route I-93 south (128 north). Take I-93 south to Exit 6 (Route 37 Braintree), turn right on Route 37 past South Shore Plaza and proceed towards Braintree Five Corners. Bear right at Braintree Five Corners onto Granite Street, turn left onto Town Street at Granite Plaza to the **Braintree Reception Center at Braintree High School**.

### Sub-area #12 – Cape Cod Bay

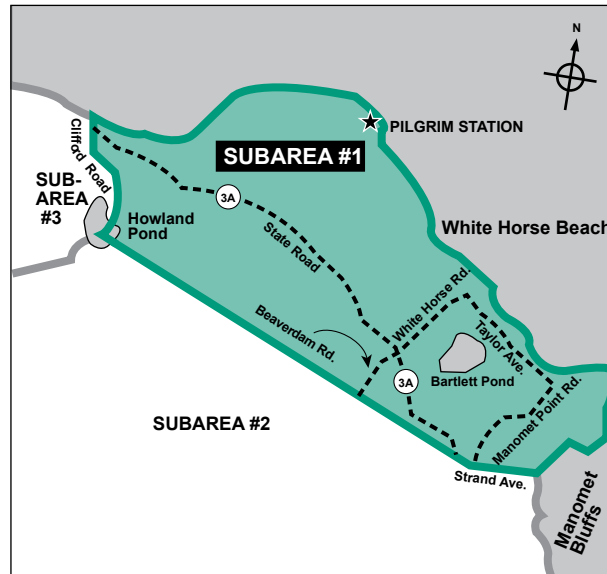
Sub-area 12 is that portion of Cape Cod Bay within 10 miles of the Pilgrim Nuclear Power Station (see map on page 7). Boaters in Sub-area 12 should follow instructions given by town harbormasters or the U.S. Coast Guard.



# Emergency Bus Routes

Emergency buses would be available if evacuation should be necessary for your sub-area. If you need a ride, a bus would take you to your reception center. Additional bus information could be given on the Emergency Alert System.

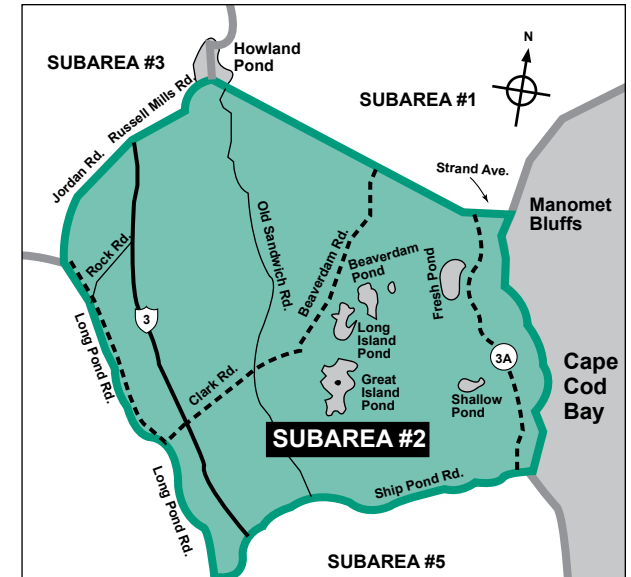
If you need a ride, walk to the designated bus route closest to you. Bus routes are shown as a dashed line (-----). Buses will pick you up at any point along these routes. Buses will continue to run these routes until everyone has been picked up.



## Plymouth Emergency Bus Route

**Sub-area 1** That portion of Plymouth within approximately 2 miles of the Pilgrim Station, from Clifford Road east to White Horse Beach, and from Manomet Bluffs north to the Station.

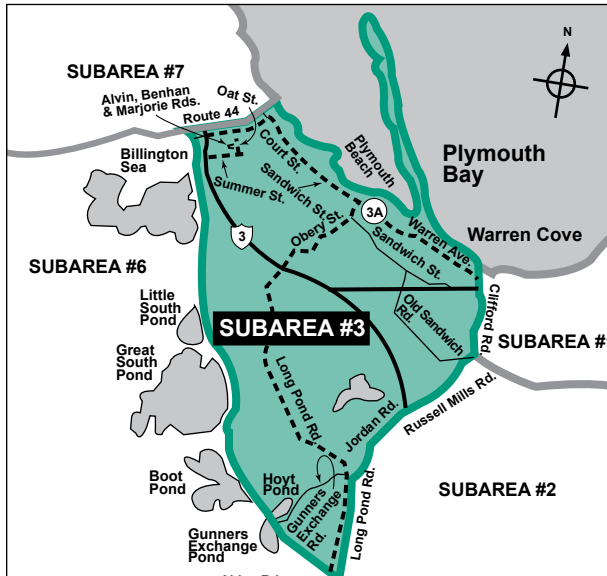
**The buses will take you to the Taunton High School Reception Center.**



## Plymouth Emergency Bus Route

**Sub-area 2** That portion of Plymouth from Long Pond and Jordan Roads east to the coast, and from Ship Pond Road north to Howland Pond and Manomet Bluffs.

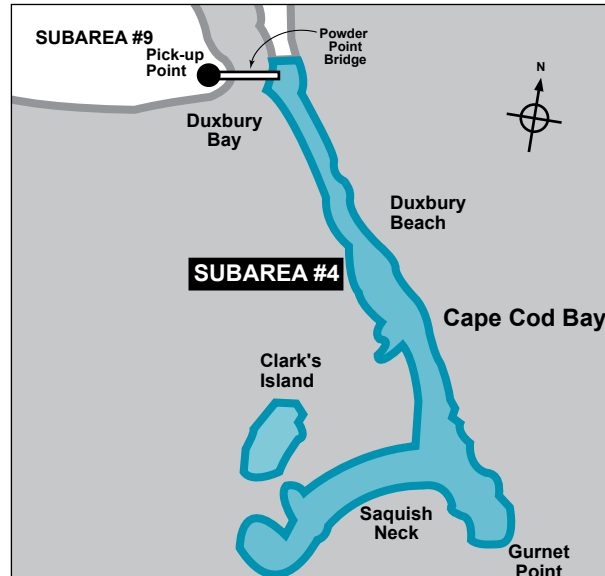
**The buses will take you to the Taunton High School Reception Center.**



## Plymouth Emergency Bus Route

**Sub-area 3** That portion of Plymouth from the eastern shores of Billington Sea, Great South Pond and Gunners Exchange Pond east to Plymouth Beach, and from the intersection of Alden and Long Pond Roads, and Jordan Road north to Samoset Street.

**The buses will take you to the Taunton High School Reception Center.**

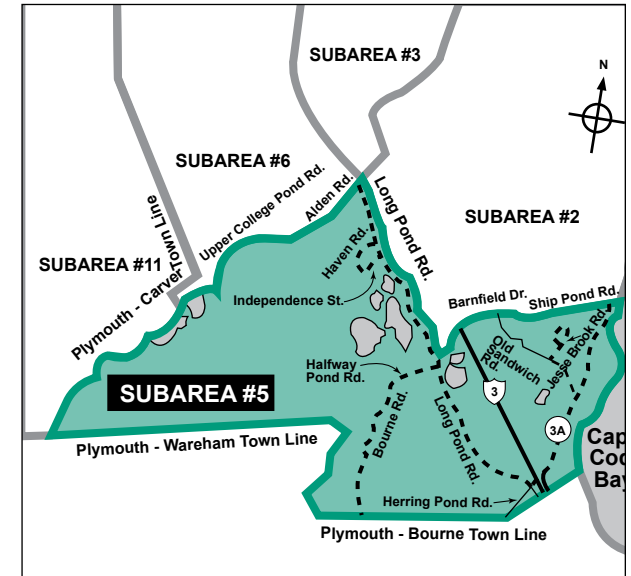


## Duxbury / Plymouth Emergency Pick-Up Point

**Sub-area 4** Duxbury Beach, Gurnet Point, Saquish Neck and Clark's Island.

If you need a ride from Saquish Neck, Duxbury Beach or Gurnet Point, transportation assistance will be provided at the Powder Point Bridge pick-up point. The Duxbury harbor-master will assist those with transportation needs on Clark's Island.

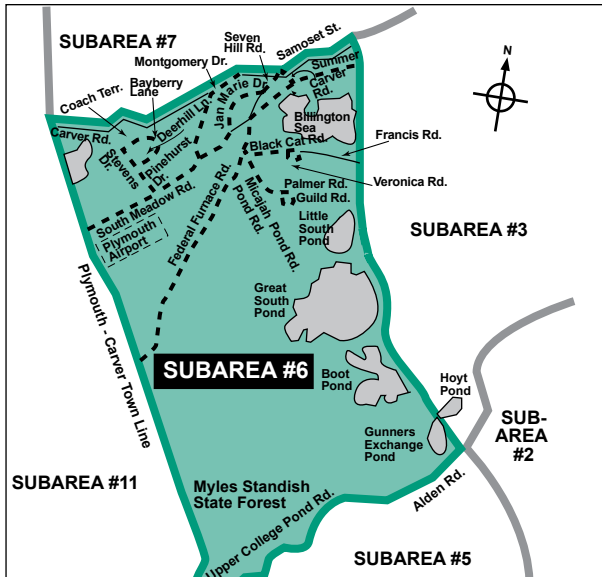
**Buses will take you to the Braintree Reception Center at Braintree High School.**



## Plymouth Emergency Bus Route

**Sub-area 5** That portion of Plymouth south of Upper College Pond Road, Alden Road, Long Pond Road, and Ship Pond Road.

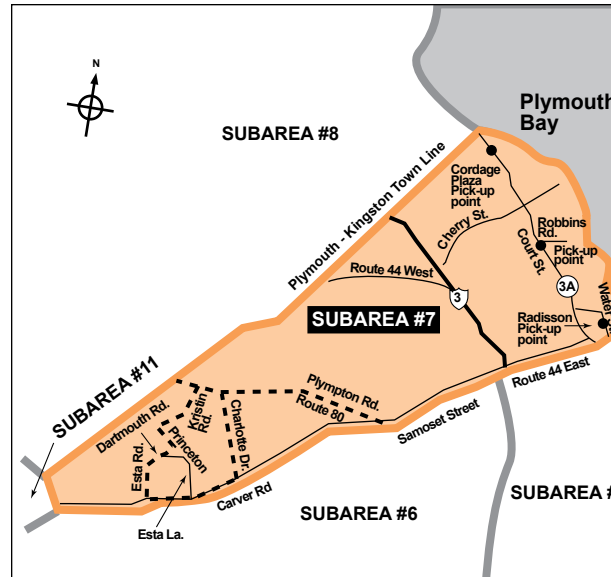
**The buses will take you to the Taunton High School Reception Center.**



## Plymouth Emergency Bus Route

**Sub-area 6** That portion of Plymouth from the Plymouth-Carver Town line east to the eastern shores of Billington Sea, Great South Pond, and Gunners Exchange Pond, and from Upper College Pond and Alden Roads north to Samoset Street and Carver Road.

**The buses will take you to the Taunton High School Reception Center.**



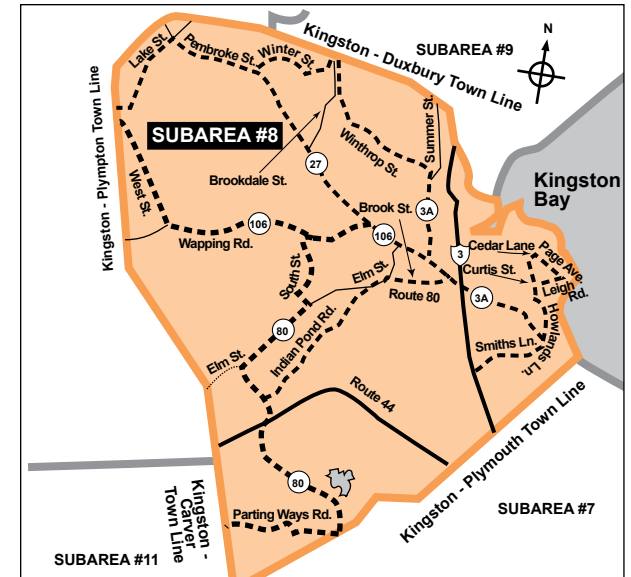
## Plymouth Emergency Bus Route and Pick-Up Points

**Sub-area 7** That portion of Plymouth south of the Kingston - Plymouth Town line to Carver Road – Samoset Street.

Three pick-up points have been established for northern Plymouth and the waterfront area in Sub-area 7 at the following locations:

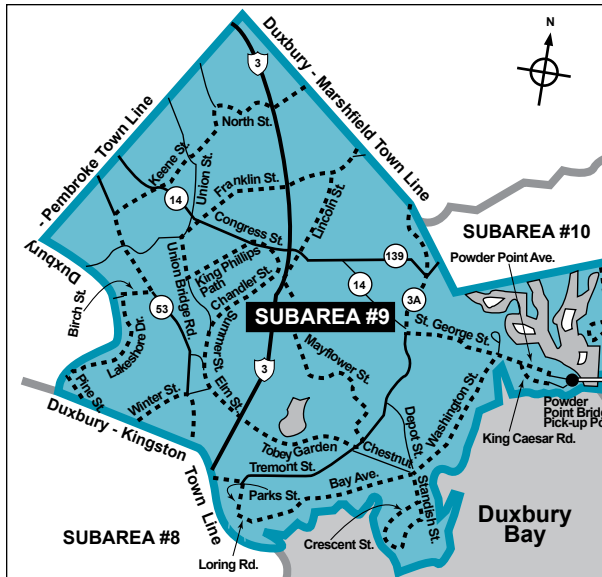
- Cordage Park Plaza on Route 3A;
- Court Street at Robbins Rd.;
- Radisson Hotel Plymouth Harbor (formerly Sheraton Plymouth) parking lot on Water Street.

**The buses will take you to the Bridgewater State University Reception Center.**



## Kingston Emergency Bus Route

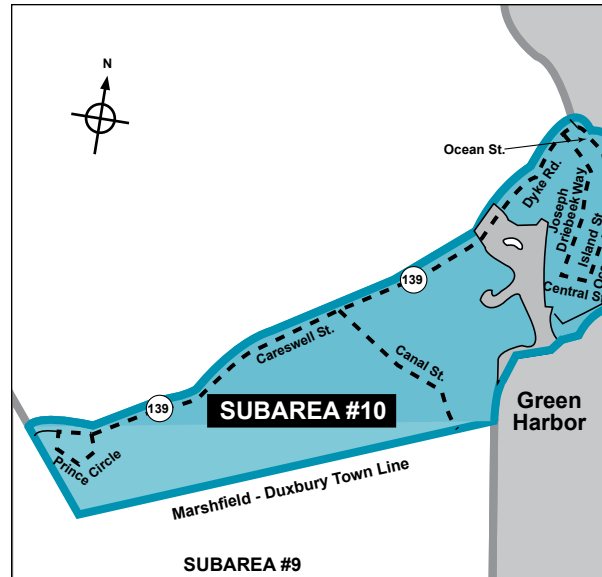
**Sub-area 8** The entire Town of Kingston. The buses will take you to the Bridgewater State University Reception Center.



## Duxbury Emergency Bus Route and Pick-Up Point

**Sub-area 9** The entire Town of Duxbury. One pick-up point also has been established in the Town of Duxbury on the west or main-land-side of the Powder Point Bridge.

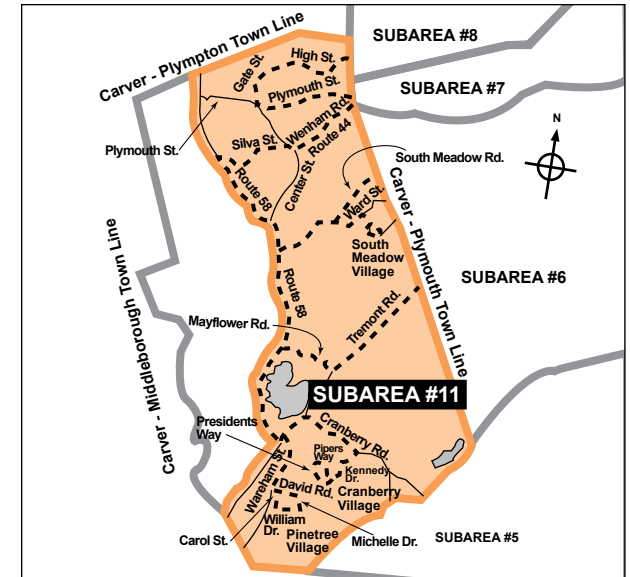
**Buses will take you to the Braintree Reception Center at Braintree High School.**



## Marshfield Emergency Bus Route

**Sub-area 10** That portion of Marshfield south of Route 139/Careswell Street - Dyke Road.

**Buses will take you to the Braintree Reception Center at Braintree High School.**



## Carver Emergency Bus Route

**Sub-area 11** That portion of Carver east of Route 58.

**The buses will take you to the Bridgewater State University Reception Center.**



# Plans For Special Groups

## Health Care Facilities

Hospital patients and residents of nursing homes who are physically able to be moved will be taken to other health care facilities outside the area if evacuation is necessary.

If time allows, families of patients well enough to be discharged on a short-term basis will be contacted by health care administrators before an evacuation occurs.

If patients in health care facilities are evacuated to host facilities, information on their locations will be available through your local Emergency Management Office at the emergency telephone numbers listed on the inside cover.

## People with Special Needs

Let your local Emergency Management Director know in advance if you need any special assistance during an emergency. Special help can be made available to you.

Your local Emergency Management Office is prepared to help you if you have a special need and would need assistance during a public emergency. If you or someone in your household would need special help being notified of an emergency, sheltering-in-place, evacuating, or staying in a mass care shelter, please let the Emergency Management Office know immediately. Special help is available, but is best planned before an emergency happens.

**Please fill out the Special Needs Card at the back of this calendar. A new card should be sent in every year.**

If you know someone who is blind or might have difficulty reading this calendar, please read it to them. Emergency information is also available on a CD for blind persons at your local library.

If you are deaf or hard of hearing and would need to be notified on a TTY of a public emergency, please notify your local Emergency Management Office. You may use the Special Needs Card at the back of this calendar. **All information will be kept strictly confidential.**

If you have children who might be home alone, make sure they understand the information in this calendar and know what to do in an emergency. It is especially important that they know how to tune to their Emergency Alert System station.

## People at the Beaches

In an emergency, beaches would be closed. People at the beaches should leave the area and go back to their lodgings or homes and listen to the Emergency Alert System stations. Public shelters near visitor areas will be marked by large red "Emergency Shelter" signs.

## Boaters on Cape Cod Bay

Boaters on Cape Cod Bay should follow instructions given by town harbormasters or the U.S. Coast Guard.

### Information Resources

*Massachusetts Emergency Management Agency*  
[www.mass.gov/mema](http://www.mass.gov/mema)

*Massachusetts Department of Public Health*  
[www.state.ma.us/dph/rcp](http://www.state.ma.us/dph/rcp)

*State of Massachusetts Animal Response Team (SMART)*  
[www.smart-mass.org](http://www.smart-mass.org)

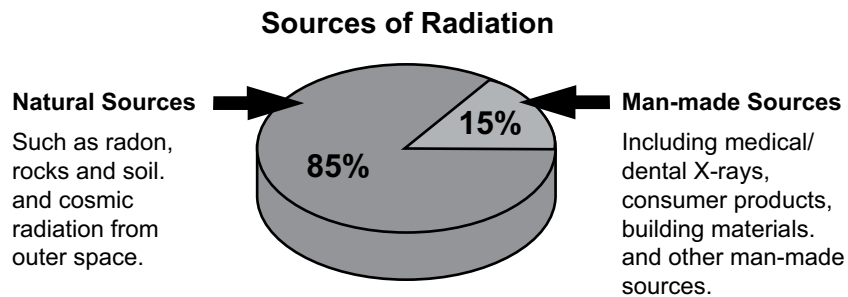
*Entergy Nuclear*  
[www.entergynuclear.com](http://www.entergynuclear.com)

*Federal Emergency Management Agency*  
[www.FEMA.gov](http://www.FEMA.gov)

*Nuclear Regulatory Commission*  
[www.NRC.gov](http://www.NRC.gov)

# Information About Radiation

Radiation is energy, such as heat, light and radio waves, that move at high speed through space or matter. One type of radiation is produced by so-called radioactive materials. Radiation is part of nature, and humans are exposed to radiation all the time. It comes from rocks in the earth, from the sun and stars. Radiation also comes from common man-made sources, such as many building materials, smoke detectors and medical X-rays. Radiation has been very well-studied for a hundred years. It can be very useful when properly controlled for peaceful purposes such as for medical X-rays and the production of electricity. But radiation can be dangerous. In too large a dose, radiation can cause harm by damaging living cells. Excessive doses of radiation need to be guarded against. At every one of our country's more than 100 nuclear power plants, every safety precaution is taken to isolate, shield and prevent radioactive materials from escaping to the environment. Radiation can be easily measured with various instruments, including Geiger counters.



# Pilgrim Nuclear Power Station

The Pilgrim Nuclear Power Station, in Plymouth, Mass., is a single-unit "boiling water reactor." At Pilgrim, water is pumped through the reactor creating steam that flows to a turbine. The turbine rotates and spins an electric generator producing electricity—just as in a coal-or oil-powered power plant. The steam then goes into a heat exchanger called a condenser, and becomes water when cooler ocean water flows around tubes containing the steam in the condenser. The condenser is designed to keep steam from the turbine separate from the water that is drawn from and returned back to the ocean. This process is similar to any power plant that uses steam. Once the steam in the condensor becomes water, it is pumped back into the reactor to be boiled again. Pilgrim has two water systems, each of which is separate to keep the plant safe. Pilgrim produces 680 megawatts of electricity daily, enough electricity to light 680,000 homes.

## Safety Systems

Pilgrim, like all American nuclear power plants, has numerous safety features designed to protect the plant, the environment and people around the plant if a problem occurs. These safety systems include:

- Several separate sources of cooling water to prevent the fuel from overheating in normal and emergency conditions
- Backup systems and components for key plant functions
- A leak-tight steel-lined, steel-reinforced concrete containment building
- Backup electric power supplies to operate all key components

# Questions and Answers

## Helpful Answers to Some of Your Questions...

- Q. Why is Pilgrim's Emergency Planning Zone an area 10 miles around the plant?
- A. *The federal government selected 10 miles because it is the distance beyond which any radiation exposure would be so small as to not warrant any type of protective actions for the public. Most credible accidents would not require protective actions beyond five miles or less.*
- Q. Would radioactivity released from Pilgrim travel outward in all directions?
- A. *No. Radiation would move in a relatively narrow "plume" with a size and shape determined by wind and other weather conditions.*
- Q. Would everyone within 10 miles of Pilgrim have to evacuate if there was a serious emergency?
- A. *No. Only people in the direction of the narrow radiation plume – those in potentially affected sub-areas of the Emergency Planning Zone--would have to take actions as directed. In fact, to keep roads clear, only people in areas specifically mentioned in Emergency Alert System broadcasts should evacuate in an emergency.*
- Q. Can Pilgrim explode like a nuclear bomb?
- A. *No. It is a matter of scientific certainty because of the laws of physics that the plant cannot explode like a nuclear bomb. The uranium in a power plant's fuel is intentionally different from that used in nuclear weapons, making explosions impossible.*
- Q. How can I be sure that Pilgrim is secure and well-protected?
- A. *Pilgrim is defended by armed guards, sophisticated detection equipment and other advanced protection systems that meet or exceed federal, state and local requirements.*

- Q. How is Pilgrim Station prepared for an emergency?
- A. *Pilgrim Station's Emergency Response Organization is made up of nuclear professionals able to respond immediately in the unlikely event of a plant emergency. Pilgrim Station conducts drills and exercises with local, state and federal agencies ensuring emergency preparedness.*
- Q. What type of security is Pilgrim Station required to have?
- A. *Federal law and regulations require strict security measures at all United States nuclear power plants. They include:*
- *Multiple barriers to stop entry into areas that contain essential equipment which protect areas within and around the plant*
  - *A fixed physical protection system that permits entry of authorized personnel, vehicles and materials into these areas and ensures detection of and response to unauthorized entry*
  - *A trained and qualified security force to protect the plant and control access to it*
  - *Controls that ensure personnel who enter the plant unescorted meet strict background checks*
  - *A fitness-for-duty program that requires random drug and alcohol tests for all persons allowed unescorted access into the plant*
- Q. What special security actions are in place now at Pilgrim Station?
- A. *Pilgrim Station security continues in a high state of security awareness following the terrorist attack of September 11, 2001. Additional security measures taken include:*
- *Pilgrim Station security officials are in contact with local, state and federal law enforcement officials*
  - *Barriers are placed on access roads to detour incoming traffic through security checkpoints*
  - *Background security checks have been enhanced*

# Other Important Information

## Potassium Iodide (KI) and the Public

The Massachusetts Department of Public Health and the Massachusetts Emergency Management Agency want you to know about potassium iodide (KI). The Nuclear Regulatory Commission has made KI available to states for distribution within the 10-mile emergency planning zones of commercial nuclear power stations.

### What is potassium iodide (KI)?

Potassium iodide is a drug that can protect the thyroid gland from radiation injury caused by radioactive iodine. The drug is approved for use by the U.S. Food and Drug Administration and is available over-the-counter.

### How does it work?

KI saturates the thyroid gland with stable (non-radioactive) iodine, to limit the amount of radioactive iodine that could be absorbed by the thyroid. During a radiological emergency, radioactive iodine could be released to the environment. Iodine concentrates in the thyroid gland. Breathing air or eating food contaminated with radioactive iodine can injure the thyroid and increase the risk of thyroid cancer.

Potassium iodide is only effective against exposure to radioactive iodine and only protects the thyroid gland. KI does not protect against other types of radioactivity that might be released during a nuclear emergency. Evacuation and sheltering-in-place are the primary means of protection. The use of KI is secondary to these protective measures.

### When should I take KI?

KI should be taken shortly before or shortly after exposure to radioactive iodine to be most effective. Even if taken three to four hours after exposure, it would still reduce the amount of radioactive iodine absorbed by the thyroid and have a substantial effect. The protective effects of KI last approximately 24 hours. Emergency broadcasts over Emergency Alert System radio stations will tell people if the Massachusetts Department of Public Health advises them to take KI.

## How much KI should I take or give to my children?

The presently available KI pills are 130-milligram scored tablets. In December 2001, the U.S. Food and Drug Administration published guidance on KI recommending the following dosages:

Adults	130 mg
Children aged 3 to 18 years	65 mg
Young Children (one month to 3 years)	32 mg
Infants (birth through one month)	16 mg

These are the minimum effective doses; the MDPH supports the use of one 130 mg. tablet for children above 3 years of age during an emergency. This is in agreement with US FDA guidelines. If you are considering using KI in an emergency, you should discuss whether taking KI is right for you with your health care provider.

## How can I get potassium iodide?

It is prudent to have potassium iodide prior to an emergency. Persons living within the 10-mile emergency planning zone may obtain potassium iodide free-of-charge from their local Board of Health or ask your local pharmacy.

For members of the EPZ population instructed to evacuate and who have not obtained KI, distribution points will be set up at pre-identified KI Dispensing Sites outside the EPZ. Here is a list of those sites:

### Milton

Exit 11 off I-93 North at Heritage Hall

Exit 2B off I-93/128 at the Trailside Museum

### Brockton

Exit 17A off Rt. 24 North onto Belmont St. to Brockton High School



## Emergency Plan Testing

To make sure that the emergency plan works well, it is tested regularly. This testing is called an exercise. Emergency workers and public officials simulate a serious problem and go through the emergency actions in the plan.

## Siren Testing

Sirens are tested periodically. The date and time of the annual 3 to 5 minute test is announced in advance in local newspapers and on the radio. Other audible siren tests may occur throughout the year, each lasting several seconds.

## Accidental Siren Sounding

Occasionally, a siren or sirens may sound accidentally. If you hear a siren, tune immediately to your Emergency Alert System station for information (see page 3 for list). EAS messages would only be used in the event of an actual emergency. If the sirens were sounded unintentionally, you would be notified via a regular news broadcast.

If you do not hear a message, you can report the sounding to your local police or fire department (listed below). These are non-emergency numbers with representatives who will be able to tell you if there is an emergency associated with Pilgrim Station.

**Plymouth 508-830-4212**

**Carver 508-866-2000**

**Kingston 781-585-0522**

**Marshfield 781-837-1315**

**Duxbury 781-934-5656**

**Please do not use 911 to report an accidental siren activation.**

**For information for farmers and food processors, contact:**

Massachusetts Department of Public Health  
Radiation Control Program  
Schrafft Center, Suite 1M2A  
529 Main Street  
Charlestown, MA 02129  
Phone: 617-242-3035  
[www.mass.gov/dph/rcp](http://www.mass.gov/dph/rcp)

## PLAN IN ADVANCE TO EVACUATE YOUR PETS

Mass care shelters do not accept animals other than service animals. Plan in advance what you will do with your pets should you have to evacuate. Make a list of places that would accept your pets outside the affected area, such as friends, relatives, pet friendly hotels/motels, boarding kennels, veterinary facilities.

- Prepare an emergency kit for your pets to include:
  - Food: Keep at least three days of food in an airtight, waterproof container.
  - Water: Store at least three days of water specifically for your pets.
  - Medicines and medical records: Keep an extra week's supply of medicines your pet takes in a waterproof container.
  - First aid kit: Talk to your veterinarian about what is most appropriate for your pet's emergency medical needs. Most kits should include cotton bandage rolls, bandage tape and scissors; antibiotic ointment; flea/tick prevention; latex gloves, saline solution.
  - Collar with ID tag, harness or leash: Make sure the identification tag includes information on where you will be staying.
  - Important documents: Include copies of your pet's registration information, adoption papers, vaccination documents and medical records.
  - Crate or other pet carrier.
  - Sanitation: Include pet litter and litter box if appropriate, newspapers, paper towels, plastic trash bags.
  - A picture of you and your pet together: If you become separated from your pet during an emergency, a picture of you and your pet together will help you document ownership and allow others to assist you in identifying your pet.
  - Familiar items: Put favorite toys, treats or bedding in your kit. Familiar items can help reduce stress for your pet.

For additional information, visit the Federal Emergency Management Agency (FEMA) website at <http://www.ready.gov/animals>

**Remember: WHEN YOU GO, THEY GO. If you are told to evacuate, take your pets with you. DO NOT LEAVE YOUR PETS BEHIND.**

# Personal Planning Guide

Fill in these blanks now and go over this information with your family. Decide who would pick up school-age children at the host facility and where to meet if you were apart in an emergency. Be sure children know what to do if they are alone and the sirens sound. Talk to your neighbors so you can help each other if necessary.

It is a good idea to keep some things handy in case of an emergency: portable radio, flashlight and extra batteries. Keep your car in good running order and don't let the gas tank get too low.

**This will save time and avoid confusion in an emergency.**

My best evacuation route is: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

My reception center is located at: \_\_\_\_\_

My school-age children will be taken to: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Prescription medicines I will need: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Important papers I will need: \_\_\_\_\_

\_\_\_\_\_

My local Emergency Management Office non-emergency number during regular business hours is: \_\_\_\_\_

My local Emergency Management Office emergency number is:

\_\_\_\_\_

My local Fire/Police non-emergency number is: \_\_\_\_\_

\_\_\_\_\_

Pet-friendly hotels/motels: \_\_\_\_\_

\_\_\_\_\_

Boarding facilities outside of my area: \_\_\_\_\_

\_\_\_\_\_

Other things to remember: \_\_\_\_\_

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Please mark an "X" in EACH box that applies to you.

- ☐ I do not have transportation available to leave the area in an emergency.
- ☐ I need help, but can ride in a van.
- ☐ I am in a wheelchair, and would need a wheelchair van.
- ☐ I would need to ride in an ambulance.
- ☐ I have specialized medical equipment and require special transportation.
- ☐ I am deaf or hard of hearing and use a TTY.
- ☐ I am visually-impaired and require special help.
- ☐ I need help closing doors, windows and vents.
- ☐ Other: \_\_\_\_\_
- ☐ There is a person you may contact to help me in an emergency.

FOLD HERE

If you have marked any of the boxes above, please fill out the rest of this card and return it promptly. A representative of your local Emergency Management Office will contact you to get more information on your specific needs. If you are completing this card for someone else, please include your name and telephone number, too.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

Town: \_\_\_\_\_ MA Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

TTY Number: \_\_\_\_\_

Person completing this card: \_\_\_\_\_

Phone Number: \_\_\_\_\_

### Pilgrim Emergency Planning Information

- If you hear a 3- 5 minute siren, turn to an Emergency Alert System (EAS) radio station (1030 AM ; 98.5 FM; 95.9 FM; 99.1 FM; 1390 AM) for official information on the emergency.
- Stay calm.
- Follow the instructions given by local government officials.
- Follow your family emergency plan.

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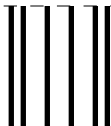
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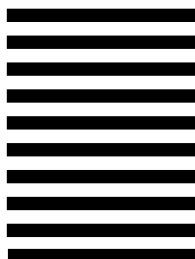
TEAR ALONG THE LINE

TEAR ALONG THE LINE

I live in the town of \_\_\_\_\_



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



**BUSINESS REPLY MAIL**

FIRST CLASS MAIL PERMIT NO 25 BRIDGEWATER MA

POSTAGE WILL BE PAID BY ADDRESSEE

MASSACHUSETTS EMERGENCY  
MANAGEMENT AGENCY  
REGION II HEADQUARTERS  
P.O. BOX 54  
BRIDGEWATER, MA 02324-9902



**Pilgrim Emergency Planning Information**

Subarea # \_\_\_\_\_

Reception Center: \_\_\_\_\_

Host facility to pick up children: \_\_\_\_\_

Emergency Bus Route: \_\_\_\_\_

Evacuation Route \_\_\_\_\_

**Pilgrim Emergency Planning Information**

Subarea # \_\_\_\_\_

Reception Center: \_\_\_\_\_

Host facility to pick up children: \_\_\_\_\_

Emergency Bus Route: \_\_\_\_\_

Evacuation Route \_\_\_\_\_

**Pilgrim Emergency Planning Information**

Subarea # \_\_\_\_\_

Reception Center: \_\_\_\_\_

Host facility to pick up children: \_\_\_\_\_

Emergency Bus Route: \_\_\_\_\_

Evacuation Route \_\_\_\_\_

**Pilgrim Emergency Planning Information**

Subarea # \_\_\_\_\_

Reception Center: \_\_\_\_\_

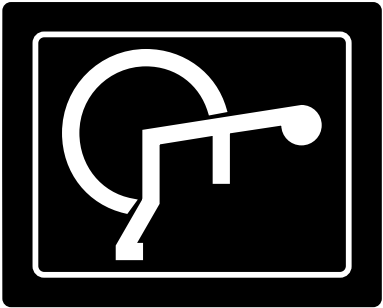
Host facility to pick up children: \_\_\_\_\_

Emergency Bus Route: \_\_\_\_\_

Evacuation Route \_\_\_\_\_

TEAR ALONG THE LINE

TEAR ALONG THE LINE



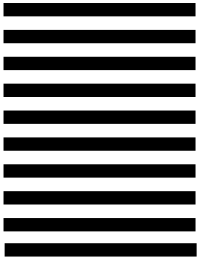
**For people with Disabilities and those with Special Needs.**

Special provisions have been made to provide emergency assistance for all persons with Special Needs. It is important that you make any Special Needs known beforehand. For example, Special Needs could refer to a person with a leg impairment that prevents walking a distance, a person with a disability such as deafness or blindness or a person who requires specialized medical equipment or transportation. Contact your local Emergency Management Director, or use the confidential card on the back cover of this calendar. Emergency Information is also available on CD at you local library for persons who are blind.

FOLD HERE

TEAR ALONG THE LINE

NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



**BUSINESS REPLY MAIL**  
FIRST CLASS MAIL PERMIT NO 25 BRIDGEWATER MA

POSTAGE WILL BE PAID BY ADDRESSEE



I live in the town of

Please mark an "X" in EACH box that applies to you.

- ☐ I do not have transportation available to leave the area in an emergency and cannot walk about one-half mile to an evacuation bus route.
- ☐ I need help, but can ride in a van.
- ☐ I am in a wheelchair, and would need a wheelchair van.
- ☐ I would need to ride in an ambulance.
- ☐ I have specialized medical equipment and require special transportation.
- ☐ I am deaf or hard of hearing and use a TTY.
- ☐ I am visually-impaired and require special help.
- ☐ I need help closing doors, windows and vents.
- ☐ There is a person you can contact to help me in an emergency.
- ☐ Other:

If you have marked any of the boxes above, please fill out the rest of this card and return it promptly. A representative of your local Emergency Management Office will contact you to get more information on your specific needs. If you are completing this card for someone else, please include your name and telephone number, too.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

Town: \_\_\_\_\_ MA Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

TTY Number: \_\_\_\_\_

Person completing this card: \_\_\_\_\_

Phone Number: \_\_\_\_\_

**INSIDE:**  
**Important Information for**  
**You and Your Family**

## Special Needs Card

### Would You Need Special Help In an Emergency?

If you have a disability that may cause you to need special help in an emergency, please fill out and return this card as soon as possible. If someone you know in the region would need special help in an emergency, urge him or her to complete and return this card. THIS INFORMATION WILL BE KEPT CONFIDENTIAL BY STATE AND LOCAL AUTHORITIES.

Please note: Even if you sent in a Special Needs Card in the past, a new card should be sent in EACH YEAR.

Please tear along dotted line, seal closed with address facing out, and mail. No postage is necessary, Do not staple.



TEAR ALONG THE LINE

Massachusetts Emergency Management Agency  
Region II Headquarters  
P.O. Box 54  
Bridgewater, MA 02324-0054